**ABSTRACT**

Low-melting point metallic material is designed to be able to melt with an inclined melting cylinder installed in the condition of combining an injection member with an agitating member therein, and a molten metal is designed to be able to weigh and inject by a plunger, whereby molding accuracy and efficiency can be improved more than a die-cast. A injection mechanism 2 is constituted by a melting cylinder 11 which a weighing chamber 17 communicating with a nozzle member 15 is provided on the inside of the tip, agitating and injection means provided in the combined condition in the melting cylinder so as to rotate or, advance or retreat freely and a device driving agitating and injection means, which is arranged on an rear-end side of the melting cylinder. The injection mechanism 2 is provided obliquely in a manner that a nozzle member side is directed in a downward direction to a mold-clamping mechanism 1. The agitating and injection means is constituted by an agitating member 24 in which agitating wings having a plurality of stripes with an external diameter approximately equal to an inner diameter of the melting cylinder are formed intermittently on an outer periphery of a tip portion of a hollow shaft portion 23 having a through-hole at the central position and an injection plunger 30 attached unitarily to a tip of an injection rod 29 inserted into the through-hole and provided slidably freely on a central position of the agitating member 21 and provided so as to insert into the weighing chamber 17 freely.